BIC 'HNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information
Center (STIC) detected errors when processing the following computer readable
form:

Application Serial Number: *09/758,593*

BEST AVAILABLE COPY

Source: *OIPE*

Date Processed by STIC: *1-29-01*

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE
   APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A
   NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER
VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program
employing a logical and intuitive user-interface to check whether a sequence listing is in
compliance with format and content rules. Checker Version 3.0 works for sequence listings
generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old
rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual
Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-
compliant. Checker allows public users to check sequence listings in Computer Readable form
(CRF) before submitting them to the United States Patent and Trademark Office (USPTO).
Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence
listings, thus saving time and money

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

Does Not Comply
Corrected Diskette Needed

OIPE

RAW SEQUENCE LISTING   DATE: 01/29/2001
PATENT APPLICATION: US/09/758,593   TIME: 16:43:40

Input Set : A:\pc0025cip_seqlist.txt
Output Set: N:\CRF3\01292001\I758593.raw

```
      2 <110> APPLICANT: Walker, Michael, G.
      4 <120> TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
      6 <130> FILE REFERENCE: PC-0025 CIP
C-->  8 <140> CURRENT APPLICATION NUMBER: US/09/758,593
C-->  9 <141> CURRENT FILING DATE: 2001-01-10
E--> 11 <160> NUMBER OF SEQ ID NOS: 13
     12 <170> SOFTWARE: PERL Program
```

Number of sequences differ:
-13 listed
-12 shown

ERRORED SEQUENCES

```
    299 <210> SEQ ID NO: 12
    300 <211> LENGTH: 328
    301 <212> TYPE: PRT
    302 <213> ORGANISM: Mus musculus
    304 <220> FEATURE:
    305 <221> NAME/KEY: misc_feature
    306 <223> OTHER INFORMATION: Incyte ID No: g5420272
E--> 308 <400> SEQUENCE: 13 12
    309 Met Glu Gly Pro Glu Ala Val Gln Arg Ala Thr Glu Leu Ile Glu
    310   1               5                  10                  15
    311 Gln Arg Leu Ala Gln Glu Glu Glu Thr Glu Lys Leu Arg Arg Ser
    312                  20                  25                  30
    313 Ala Pro Gly Lys Leu Ser Met Asp Met Leu Val Leu Glu Glu Glu
    314                  35                  40                  45
    315 Lys Arg Leu Gly Val Gln Ser Pro Ala Leu Gln Lys Val Lys Gly
    316                  50                  55                  60
    317 Gln Glu Arg Val Arg Lys Thr Ser Leu Asp Leu Arg Arg Glu Ile
    318                  65                  70                  75
    319 Ile Asp Val Gly Gly Ile Gln Asn Leu Ile Glu Leu Arg Lys Lys
    320                  80                  85                  90
    321 Arg Lys Gln Lys Lys Arg Asp Ala Leu Ala Ala Ala Gln Glu Pro
    322                  95                 100                 105
    323 Pro Pro Glu Pro Glu Glu Ile Thr Gly Pro Val Asn Glu Glu Thr
    324                 110                 115                 120
    325 Phe Leu Lys Ala Ala Val Glu Gly Lys Met Lys Val Ile Asp Lys
    326                 125                 130                 135
    327 Tyr Leu Ala Asp Gly Gly Ser Ala Asp Thr Cys Asp Glu Phe Arg
    328                 140                 145                 150
    329 Arg Thr Ala Leu His Arg Ala Ser Leu Glu Gly His Met Glu Ile
    330                 155                 160                 165
    331 Leu Glu Lys Leu Leu Glu Asn Gly Ala Thr Val Asp Phe Gln Asp
    332                 170                 175                 180
    333 Arg Leu Asp Cys Thr Ala Met His Trp Ala Cys Arg Gly Gly His
    334                 185                 190                 195
    335 Leu Glu Val Val Arg Leu Leu Gln Ser Arg Gly Ala Asp Thr Asn
    336                 200                 205                 210
```

```
337 Val Arg Asp Lys Leu Leu Ser Thr Pro Leu His Val Ala Val Arg
338                  215                 220                 225
339 Thr Gly His Val Glu Ile Val Glu His Phe Leu Ser Leu Gly Leu
340                  230                 235                 240
341 Asp Ile Asn Ala Lys Asp Arg Glu Gly Asp Ser Ala Leu His Asp
342                  245                 250                 255
343 Ala Val Arg Leu Asn Arg Tyr Lys Ile Ile Lys Leu Leu Leu Leu
344                  260                 265                 270
345 His Gly Ala Asp Met Met Ala Lys Asn Leu Ala Gly Lys Thr Pro
346                  275                 280                 285
347 Thr Asp Leu Val Gln Leu Trp Gln Ala Asp Thr Arg His Ala Leu
348                  290                 295                 300
349 Glu His Pro Glu Pro Glu Ser Glu Gln Asn Gly Leu Glu Arg Pro
350                  305                 310                 315
351 Gly Ser Gly Arg Glu Thr Pro Gln Pro Ile Pro Ala Gln
352                  320                 325
```

VERIFICATION SUMMARY   DATE: 01/29/2001
PATENT APPLICATION: US/09/758,593   TIME: 16:43:41

Input Set : A:\pc0025cip_seqlist.txt
Output Set: N:\CRF3\01292001\I758593.raw

L:8 M:270 C: Current Application Number differs, Replaced Current Application Number
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:308 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:12 differs:13
L:11 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (13) Counted (12)